

Ion channels in the immune system as targets for immunomodulation

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Potassium ion channels and human disease: phenotypes to drug targets?. <i>Current Opinion in Biotechnology</i> , 1998, 9, 565-572.	3.3	36
2	Alkoxypsoralens, Novel Nonpeptide Blockers of Shaker-Type K ⁺ Channels: Synthesis and Photoreactivity. <i>Journal of Medicinal Chemistry</i> , 1998, 41, 4542-4549.	2.9	51
3	A Nongenomic Mechanism for Progesterone-mediated Immunosuppression: Inhibition of K ⁺ Channels, Ca ²⁺ Signaling, and Gene Expression in T Lymphocytes. <i>Journal of Experimental Medicine</i> , 1998, 188, 1593-1602.	4.2	153
4	ShK-Dap22, a Potent Kv1.3-specific Immunosuppressive Polypeptide. <i>Journal of Biological Chemistry</i> , 1998, 273, 32697-32707.	1.6	222
5	Structural Conservation of the Pores of Calcium-activated and Voltage-gated Potassium Channels Determined by a Sea Anemone Toxin. <i>Journal of Biological Chemistry</i> , 1999, 274, 21885-21892.	1.6	119
6	UK-78,282, a novel piperidine compound that potently blocks the Kv1.3 voltage-gated potassium channel and inhibits human T cell activation. <i>British Journal of Pharmacology</i> , 1999, 126, 1707-1716.	2.7	57
7	Correolide and Derivatives Are Novel Immunosuppressants Blocking the Lymphocyte Kv1.3 Potassium Channels. <i>Cellular Immunology</i> , 1999, 197, 99-107.	1.4	86
8	Single-Channel Recording of a Store-Operated Ca ²⁺ Channel in Jurkat T Lymphocytes. <i>Science</i> , 1999, 283, 836-839.	6.0	136
9	K ⁺ channel-blocking alkoxypsoralens inhibit the immune response of encephalitogenic T line cells and lymphocytes from Lewis rats challenged for experimental autoimmune encephalomyelitis. <i>Immunopharmacology</i> , 2000, 48, 51-63.	2.0	21
10	Block of the lymphocyte K ⁺ channel m Kv1.3 by the phenylalkylamine verapamil: Kinetic aspects of block and disruption of accumulation of block by a single point mutation. <i>British Journal of Pharmacology</i> , 2000, 131, 1275-1284.	2.7	21
11	Bioenergetics of Human Peripheral Blood Mononuclear Cell Metabolism in Quiescent, Activated, and Glucocorticoid-Treated States. <i>Bioscience Reports</i> , 2000, 20, 289-302.	1.1	70
12	Cell volume regulation in immune cell apoptosis. <i>Cell and Tissue Research</i> , 2000, 301, 33-42.	1.5	64
13	Design of a potent and selective inhibitor of the intermediate-conductance Ca ²⁺ -activated K ⁺ channel, IKCa1: A potential immunosuppressant. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 8151-8156.	3.3	553
14	Up-regulation of the IKCa1 Potassium Channel during T-cell Activation. <i>Journal of Biological Chemistry</i> , 2000, 275, 37137-37149.	1.6	357
15	Structure-guided Transformation of Charybdotoxin Yields an Analog That Selectively Targets Ca ²⁺ -activated over Voltage-gated K ⁺ Channels. <i>Journal of Biological Chemistry</i> , 2000, 275, 1201-1208.	1.6	94
16	Protein Kinase C (PKC) Inhibits Fas Receptor-induced Apoptosis through Modulation of the Loss of K ⁺ and Cell Shrinkage. <i>Journal of Biological Chemistry</i> , 2000, 275, 19609-19619.	1.6	116
17	Generating a High Affinity Scorpion Toxin Receptor in KcsA-Kv1.3 Chimeric Potassium Channels. <i>Journal of Biological Chemistry</i> , 2000, 275, 16918-16924.	1.6	67
18	Recent Developments in the Biology and Medicinal Chemistry of Potassium Channel Modulators: Update from a Decade of Progress. <i>Journal of Medicinal Chemistry</i> , 2001, 44, 1627-1653.	2.9	150

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19	CALCIUM SIGNALING MECHANISMS IN T LYMPHOCYTES. Annual Review of Immunology, 2001, 19, 497-521.	9.5	760
20	Potassium channels in T lymphocytes: toxins to therapeutic immunosuppressants. Toxicon, 2001, 39, 1269-1276.	0.8	66
21	Binding of Correlide to the Kv1.3 Potassium Channel: A Characterization of the Binding Domain by Site-Directed Mutagenesis. Biochemistry, 2001, 40, 11687-11697.	1.2	54
22	Designed Peptide Analogues of the Potassium Channel Blocker ShK Toxin. Biochemistry, 2001, 40, 15528-15537.	1.2	19
23	Angular Methoxy-Substituted Furo- and Pyranoquinolinones as Blockers of the Voltage-Gated Potassium Channel Kv1.3. Journal of Medicinal Chemistry, 2001, 44, 1249-1256.	2.9	73
24	Pharmacologic Modulation of the Immune Interaction between Cytotoxic Lymphocytes and Ventricular Myocytes. Journal of Cardiovascular Pharmacology, 2001, 38, 298-316.	0.8	9
25	Effects of Toxins Pi2 and Pi3 on Human T Lymphocyte Kv1.3 Channels: The Role of Glu7 and Lys24. Journal of Membrane Biology, 2001, 179, 13-25.	1.0	35
26	WIN 17317-3 blocks Ca ²⁺ -activated K ⁺ channels and enhances motility of guinea-pig detrusor muscle. European Journal of Pharmacology, 2001, 428, 45-49.	1.7	2
27	Selective Blocking of Voltage-Gated K ⁺ Channels Improves Experimental Autoimmune Encephalomyelitis and Inhibits T Cell Activation. Journal of Immunology, 2001, 166, 936-944.	0.4	180
28	Isoform-specific Localization of Voltage-gated K ⁺ Channels to Distinct Lipid Raft Populations. Journal of Biological Chemistry, 2001, 276, 8409-8414.	1.6	207
29	Selective blockade of T lymphocyte K ⁺ channels ameliorates experimental autoimmune encephalomyelitis, a model for multiple sclerosis. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 13942-13947.	3.3	309
30	Modulation of Mouse Paneth Cell Ca^{2+} -Defensin Secretion by mKCa1, a Ca ²⁺ -activated, Intermediate Conductance Potassium Channel. Journal of Biological Chemistry, 2002, 277, 3793-3800.	1.6	90
31	Cell volume and ion changes during apoptotic cell death. Advances in Cancer Research, 2002, 85, 175-201.	1.9	5
32	Mutating a Critical Lysine in ShK Toxin Alters Its Binding Configuration in the Pore/Vestibule Region of the Voltage-Gated Potassium Channel, Kv1.3. Biochemistry, 2002, 41, 11963-11971.	1.2	64
33	Identification of a New Class of Inhibitors of the Voltage-Gated Potassium Channel, Kv1.3, with Immunosuppressant Properties. Biochemistry, 2002, 41, 7781-7794.	1.2	58
34	Invited Review: Cell Volume Control and Signal Transduction in Apoptosis. Toxicologic Pathology, 2002, 30, 541-551.	0.9	42
35	Actinomycin D-induced apoptosis involves the potassium channel Kv1.3. Biochemical and Biophysical Research Communications, 2002, 295, 526-531.	1.0	70
36	K ⁺ channels as therapeutic drug targets. , 2002, 94, 157-182.		142

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37	Incomplete Inactivation of Voltage-dependent K ⁺ Channels in Human B Lymphoma Cells. <i>Journal of Membrane Biology</i> , 2002, 188, 97-105.	1.0	10
38	A potassium ion channel is involved in cytokine production by activated human macrophages. <i>Clinical and Experimental Immunology</i> , 2002, 130, 67-74.	1.1	34
39	Selective Blockade of Voltage-Gated Potassium Channels Reduces Inflammatory Bone Resorption in Experimental Periodontal Disease. <i>Journal of Bone and Mineral Research</i> , 2003, 19, 155-164.	3.1	93
40	Voltage-dependent K ⁺ channels in pancreatic beta cells: Role, regulation and potential as therapeutic targets. <i>Diabetologia</i> , 2003, 46, 1046-1062.	2.9	223
41	Voltage-dependent K ⁺ channel β subunits in muscle: Differential regulation during postnatal development and myogenesis. <i>Journal of Cellular Physiology</i> , 2003, 195, 187-193.	2.0	28
42	Benzamide derivatives as blockers of Kv1.3 ion channel. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2003, 13, 1161-1164.	1.0	25
43	Molecular modeling of ion channels: structural predictions. <i>Current Opinion in Chemical Biology</i> , 2003, 7, 150-156.	2.8	39
44	Evidence for a function-specific mutation in the neurotoxin, parabutoxin β 3. <i>European Journal of Neuroscience</i> , 2003, 17, 1786-1792.	1.2	9
45	Covalent structure and some pharmacological features of native and cleaved β -KTx12?1, a four disulfide-bridged toxin from <i>Tityus serrulatus</i> venom. <i>Journal of Peptide Science</i> , 2003, 9, 132-140.	0.8	17
46	Di-Substituted Cyclohexyl Derivatives Bind to Two Identical Sites with Positive Cooperativity on the Voltage-Gated Potassium Channel, Kv1.3. <i>Biochemistry</i> , 2003, 42, 4733-4743.	1.2	19
47	The voltage-gated potassium channel subunit, Kv1.3, is expressed in epithelia. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2003, 1616, 85-94.	1.4	49
48	K ⁺ channels and T-cell synapses: the molecular background for efficient immunomodulation is shaping up. <i>Trends in Pharmacological Sciences</i> , 2003, 24, 385-389.	4.0	24
49	Electrophysiological Analysis of Heterologously Expressed Kv and SK/IK Potassium Channels. <i>Current Protocols in Pharmacology</i> , 2003, 20, Unit11.5.	4.0	3
50	Characterization of a Novel Gastropod Toxin (6-Bromo-2-mercaptotryptamine) That Inhibits Shaker K Channel Activity. <i>Journal of Biological Chemistry</i> , 2003, 278, 34934-34942.	1.6	32
51	Colocalization and nonrandom distribution of Kv1.3 potassium channels and CD3 molecules in the plasma membrane of human T lymphocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 2592-2597.	3.3	80
52	Kv1.3 potassium channels in human alveolar macrophages. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2003, 285, L862-L868.	1.3	52
53	K ⁺ Channel Expression during B Cell Differentiation: Implications for Immunomodulation and Autoimmunity. <i>Journal of Immunology</i> , 2004, 173, 776-786.	0.4	175
54	Kv1.3 potassium channels are localized in the immunological synapse formed between cytotoxic and target cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 1285-1290.	3.3	119

#	ARTICLE	IF	CITATIONS
55	Ion channels and lymphocyte activation. <i>Immunology Letters</i> , 2004, 92, 55-66.	1.1	101
56	Defensin-mediated innate immunity in the small intestine. <i>Bailliere's Best Practice and Research in Clinical Gastroenterology</i> , 2004, 18, 405-419.	1.0	82
57	Effect of the chlorpropamide and Fructose-1,6-bisphosphate on soluble TNF receptor II levels. <i>Pharmacological Research</i> , 2004, 49, 449-453.	3.1	7
58	A three-residue, continuous binding epitope peptidomimetic of ShK toxin as a Kv1.3 inhibitor. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005, 15, 3193-3196.	1.0	20
59	Potent Kv1.3 inhibitors from correolideâ€”modification of the C18 position. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005, 15, 447-451.	1.0	22
60	Signal Transduction by Ion Channels in Lymphocytes. , 2005, , 293-315.		0
61	Pattern of Kv β Subunit Expression in Macrophages Depends upon Proliferation and the Mode of Activation. <i>Journal of Immunology</i> , 2005, 174, 4736-4744.	0.4	54
62	International Union of Pharmacology. LIII. Nomenclature and Molecular Relationships of Voltage-Gated Potassium Channels. <i>Pharmacological Reviews</i> , 2005, 57, 473-508.	7.1	785
63	Using Bioinformatics for Drug Target Identification from the Genome. <i>Molecular Diagnosis and Therapy</i> , 2005, 5, 387-396.	3.3	35
64	Novel potent and selective calcium-release-activated calcium (CRAC) channel inhibitors. Part 2: Synthesis and inhibitory activity of aryl-3-trifluoromethylpyrazoles. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 5370-5383.	1.4	39
65	One-pot synthesis of 2-substituted furo[3,2-c]quinolines via tandem couplingâ€”cyclization under Pd/C-copper catalysis. <i>Tetrahedron Letters</i> , 2006, 47, 7317-7322.	0.7	43
66	Potassium channels: New targets in cancer therapy. <i>Cancer Detection and Prevention</i> , 2006, 30, 375-385.	2.1	114
67	Potassium channels Kv1.3 and Kv1.5 are expressed on blood-derived dendritic cells in the central nervous system. <i>Annals of Neurology</i> , 2006, 60, 118-127.	2.8	55
68	A Pyrazole Derivative Potently Inhibits Lymphocyte Ca ²⁺ Influx and Cytokine Production by Facilitating Transient Receptor Potential Melastatin 4 Channel Activity. <i>Molecular Pharmacology</i> , 2006, 69, 1413-1420.	1.0	139
69	Characterization of the Functional Properties of the Voltage-Gated Potassium Channel Kv1.3 in Human CD4+ T Lymphocytes. <i>Journal of Immunology</i> , 2007, 179, 4563-4570.	0.4	86
70	Kv1.3/Kv1.5 heteromeric channels compromise pharmacological responses in macrophages. <i>Biochemical and Biophysical Research Communications</i> , 2007, 352, 913-918.	1.0	65
71	Nutrition and immune system: Certain fatty acids differently modify membrane composition and consequently kinetics of KV1.3 channels of human peripheral lymphocytes. <i>Immunobiology</i> , 2007, 212, 213-227.	0.8	13
72	Novel potent and selective Ca ²⁺ release-activated Ca ²⁺ (CRAC) channel inhibitors. Part 3: Synthesis and CRAC channel inhibitory activity of 4â€”[(trifluoromethyl)pyrazol-1-yl]carboxanilides. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 9457-9466.	1.4	23

#	ARTICLE	IF	CITATIONS
73	CRAC inhibitors: identification and potential. <i>Expert Opinion on Drug Discovery</i> , 2008, 3, 787-800.	2.5	27
74	K ⁺ Channel Modulators for the Treatment of Neurological Disorders and Autoimmune Diseases. <i>Chemical Reviews</i> , 2008, 108, 1744-1773.	23.0	196
75	High-Throughput Profiling of Ion Channel Activity in Primary Human Lymphocytes. <i>Analytical Chemistry</i> , 2008, 80, 3728-3735.	3.2	22
76	TWIK-related Acid-sensitive K ⁺ Channel 1 (TASK1) and TASK3 Critically Influence T Lymphocyte Effector Functions. <i>Journal of Biological Chemistry</i> , 2008, 283, 14559-14570.	1.6	89
77	Cannabinoids Affect Dendritic Cell (DC) Potassium Channel Function and Modulate DC T Cell Stimulatory Capacity. <i>Journal of Immunology</i> , 2008, 181, 3057-3066.	0.4	28
78	Voltage-Dependent Potassium Channels Kv1.3 and Kv1.5 in Human Cancer. <i>Current Cancer Drug Targets</i> , 2009, 9, 904-914.	0.8	71
79	Research Toward Potassium Channels on Tumor Progression. <i>Current Topics in Medicinal Chemistry</i> , 2009, 9, 322-329.	1.0	15
80	Role of Membrane Potential in the Regulation of Cell Proliferation and Differentiation. <i>Stem Cell Reviews and Reports</i> , 2009, 5, 231-246.	5.6	388
81	Comment on "Functional consequences of Kv1.3 ion channel rearrangement into the immunological synapse". <i>Immunology Letters</i> , 2009, 125, 156-157.	1.1	3
82	TRESK channel as a potential target to treat T-cell mediated immune dysfunction. <i>Biochemical and Biophysical Research Communications</i> , 2009, 390, 1102-1105.	1.0	22
83	Immunomodulatory effects of diclofenac in leukocytes through the targeting of Kv1.3 voltage-dependent potassium channels. <i>Biochemical Pharmacology</i> , 2010, 80, 858-866.	2.0	71
84	Kv1.5 in the Immune System: the Good, the Bad, or the Ugly?. <i>Frontiers in Physiology</i> , 2010, 1, 152.	1.3	16
85	Dendritic Cell Regulation by Cannabinoid-Based Drugs. <i>Pharmaceuticals</i> , 2010, 3, 2733-2750.	1.7	12
86	Immunomodulation of voltage-dependent K ⁺ channels in macrophages: molecular and biophysical consequences. <i>Journal of General Physiology</i> , 2010, 135, 135-147.	0.9	74
87	Voltage-gated potassium channel Kv1.3 blocker as a potential treatment for rat anti-glomerular basement membrane glomerulonephritis. <i>American Journal of Physiology - Renal Physiology</i> , 2010, 299, F1258-F1269.	1.3	32
88	Membrane potential of CD4 ⁺ T cells is a subset specific feature that depends on the direct cell-to-cell contacts with monocytes. <i>Human Immunology</i> , 2010, 71, 666-675.	1.2	7
89	Pharmacological modulation of voltage-gated potassium channels as a therapeutic strategy. <i>Expert Opinion on Therapeutic Patents</i> , 2010, 20, 1471-1503.	2.4	24
90	Spiro azepane-oxazolidinones as Kv1.3 potassium channel blockers: WO2010066840. <i>Expert Opinion on Therapeutic Patents</i> , 2010, 20, 1759-1765.	2.4	8

#	ARTICLE	IF	CITATIONS
91	Immune cells recruitment and activation by Tityus serrulatus scorpion venom. <i>Toxicon</i> , 2011, 58, 480-485.	0.8	38
92	Volume regulation of murine T lymphocytes relies on voltage-dependent and two-pore domain potassium channels. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2011, 1808, 2036-2044.	1.4	39
93	The Therapeutic Potential of Adenosine Triphosphate as an Immune Modulator in the Treatment of HIV/AIDS: A Combination Approach with HAART. <i>Current HIV Research</i> , 2011, 9, 209-222.	0.2	10
94	Whole-Cell Electrical Activity Under Direct Mechanical Stimulus by AFM Cantilever Using Planar Patch Clamp Chip Approach. <i>Cellular and Molecular Bioengineering</i> , 2011, 4, 270-280.	1.0	11
95	Synthesis of C3-nitroalkylated-4-hydroxycoumarin and hydroxyiminodihydrofuroquinolinone derivatives via the Michael addition of cyclic 1,3-dicarbonyl compounds to 1 ² -nitrostyrenes. <i>Tetrahedron</i> , 2011, 67, 2870-2877.	1.0	26
96	Targeting the Voltage-Dependent K ⁺ Channels Kv1.3 and Kv1.5 as Tumor Biomarkers for Cancer Detection and Prevention. <i>Current Medicinal Chemistry</i> , 2012, 19, 661-674.	1.2	62
97	KCNE2 and the K ⁺ channel. <i>Channels</i> , 2012, 6, 1-10.	1.5	35
98	Molecular cloning and functional analysis of a voltage-gated potassium channel in lymphocytes from sea perch, <i>Lateolabrax japonicus</i> . <i>Fish and Shellfish Immunology</i> , 2012, 33, 605-613.	1.6	3
99	A facile eco-friendly three-component protocol for the regio- and stereoselective synthesis of functionalized trans-dihydrofuro[3,2-c]-quinolin-4(2H)-ones. <i>Green Chemistry</i> , 2012, 14, 3361.	4.6	39
100	Conotoxins that Confer Therapeutic Possibilities. <i>Marine Drugs</i> , 2012, 10, 1244-1265.	2.2	86
101	The Antibody Targeting the E314 Peptide of Human Kv1.3 Pore Region Serves as a Novel, Potent and Specific Channel Blocker. <i>PLoS ONE</i> , 2012, 7, e36379.	1.1	18
102	Kv1.3 blockers ameliorate allergic contact dermatitis by preferentially suppressing effector memory T cells in a rat model. <i>Clinical and Experimental Dermatology</i> , 2013, 38, 897-903.	0.6	10
103	Identification of two-pore domain potassium channels as potent modulators of osmotic volume regulation in human T lymphocytes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2013, 1828, 699-707.	1.4	23
104	Modulation of Voltage-Dependent and Inward Rectifier Potassium Channels by 15-Epi-Lipoxin-A4 in Activated Murine Macrophages: Implications in Innate Immunity. <i>Journal of Immunology</i> , 2013, 191, 6136-6146.	0.4	35
105	The voltage-dependent K ⁺ channels Kv1.3 and Kv1.5 in human cancer. <i>Frontiers in Physiology</i> , 2013, 4, 283.	1.3	99
106	Scorpion Venom Interactions with the Immune System. , 2013, , 1-18.		3
107	NMDA-receptor antagonists block B-cell function but foster IL-10 production in BCR/CD40-activated B cells. <i>Cell Communication and Signaling</i> , 2014, 12, 75.	2.7	40
108	Essential Functional Modules for Pathogenic and Defensive Mechanisms in <i>Candida albicans</i> Infections. <i>BioMed Research International</i> , 2014, 2014, 1-15.	0.9	7

#	ARTICLE	IF	CITATIONS
109	Kcnn4 Is a Regulator of Macrophage Multinucleation in Bone Homeostasis and Inflammatory Disease. <i>Cell Reports</i> , 2014, 8, 1210-1224.	2.9	53
110	The complex cascade of cellular events governing inflammasome activation and IL-1 β processing in response to inhaled particles. <i>Particle and Fibre Toxicology</i> , 2015, 13, 40.	2.8	68
112	Novel therapies for memory cells in autoimmune diseases. <i>Clinical and Experimental Immunology</i> , 2015, 180, 353-360.	1.1	22
113	Involvement of potassium channels in the progression of cancer to a more malignant phenotype. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015, 1848, 2477-2492.	1.4	106
114	Scorpion Venom Interactions with the Immune System. , 2015, , 87-107.		6
115	Cortisone and hydrocortisone inhibit human Kv1.3 activity in a non-genomic manner. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2015, 388, 653-661.	1.4	2
116	Classical Targets in Drug Discovery. , 2015, , 87-142.		0
117	Increase in the titer of lentiviral vectors expressing potassium channels by current blockade during viral vector production. <i>BMC Neuroscience</i> , 2015, 16, 30.	0.8	9
118	âœ Disease modifying nutrinalsâœ for multiple sclerosis. , 2015, 148, 85-113.		42
119	Using the SMOTE technique and hybrid features to predict the types of ion channel-targeted conotoxins. <i>Journal of Theoretical Biology</i> , 2016, 403, 75-84.	0.8	15
120	Molecular characterization and functional analysis of four teleostean K ⁺ channels in macrophages of sea perch (<i>Lateolabrax japonicus</i>). <i>Fish and Shellfish Immunology</i> , 2017, 60, 426-435.	1.6	0
121	p-TSA-catalyzed facile and efficient one-pot eco-friendly synthesis of novel isoxazolyl amino furo[3,2-c]quinolinone derivatives in aqueous medium. <i>Tetrahedron Letters</i> , 2017, 58, 3859-3863.	0.7	9
122	Venoms. , 2017, , 99-128.		3
123	Intracellular fluoride influences TASK mediated currents in human T cells. <i>Journal of Immunological Methods</i> , 2020, 487, 112875.	0.6	2
124	Non-dioxin-like polychlorinated biphenyl 19 has distinct effects on human Kv1.3 and Kv1.5 channels. <i>Toxicology and Applied Pharmacology</i> , 2021, 411, 115365.	1.3	0
126	Classical targets in drug discovery. , 2021, , 111-183.		0
127	KCNE4-dependent functional consequences of Kv1.3-related leukocyte physiology. <i>Scientific Reports</i> , 2021, 11, 14632.	1.6	4
128	Potassium channels: Gene family, therapeutic relevance, high-throughput screening technologies and drug discovery. , 2002, 58, 133-168.		23

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129	Calcineurin-independent inhibition of KV1.3 by FK-506 (tacrolimus): a novel pharmacological property. <i>American Journal of Physiology - Cell Physiology</i> , 2007, 292, C1714-C1722.	2.1	13
130	Effects of 3,3,4,4,5-pentachlorobiphenyl on human Kv1.3 and Kv1.5 channels. <i>International Journal of Oral Biology: Official Journal of the Korean Academy of Oral Biology and the UCLA Dental Research Institute</i> , 2019, 44, 115-123.	0.1	1
132	Potassium channels in <i>C. elegans</i> . <i>WormBook</i> , 2006, , 1-15.	5.3	44
133	Ion Channels as Therapeutic Targets for Type 1 Diabetes Mellitus. <i>Current Drug Targets</i> , 2020, 21, 132-147.	1.0	7
134	Modulation of Adaptive Immunity and Viral Infections by Ion Channels. <i>Frontiers in Physiology</i> , 2021, 12, 736681.	1.3	8
135	Inhibitory effect of the selective serotonin reuptake inhibitor paroxetine on human Kv1.3 channels. <i>European Journal of Pharmacology</i> , 2021, 912, 174567.	1.7	4
136	Antimicrobial Peptide Effectors of Small Intestinal Innate Immunity. , 0, , 191-221.		0
137	Extracellular flux analyses reveal differences in mitochondrial PBMC metabolism between high-fit and low-fit females. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2022, 322, E141-E153.	1.8	8
138	Smouldering fire or conflagration? An illustrated update on the concept of inflammation in pulmonary arterial hypertension. <i>European Respiratory Review</i> , 2021, 30, 210161.	3.0	5
139	Diterpenoids with Rearranged 9(10 β)-10,12-Cyclojatrophane Skeleton and the First (15 <i>S</i>)-Jatrophane from <i>Euphorbia helioscopia</i> : Structural Elucidation, Biomimetic Conversion, and Their Immunosuppressive Effects. <i>Organic Letters</i> , 2022, 24, 697-701.	2.4	14
140	Repetitive transcranial magnetic stimulation enhances the neuronal excitability of mice by regulating dynamic characteristics of Granule cells' Ion channels. <i>Cognitive Neurodynamics</i> , 0, , .	2.3	0
141	Retroviral glycoprotein-mediated immune suppression via the potassium channel KCa3.1 "A new strategy for amelioration of inflammatory bowel diseases. <i>Clinical Immunology</i> , 2022, 242, 109081.	1.4	1
142	Potassium channel-related genes are a novel prognostic signature for the tumor microenvironment of renal clear cell carcinoma. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	1
143	The protective role of interaction between vitamin D, sex hormones and calcium in multiple sclerosis. <i>International Journal of Neuroscience</i> , 0, , 1-19.	0.8	2
144	HIV-1 Nef Expression Inhibits the Activity of a Ca ²⁺ -Dependent K ⁺ Channel Involved in the Control of the Resting Potential in CEM Lymphocytes. <i>Journal of Immunology</i> , 1999, 162, 5359-5366.	0.4	25